Reference to last measurement 8

I & FINAL BILL

Work Code:- 003-14-000039
Est. Cost :- Rs. 45.00 Lakhs

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work Construction of drains and improvements to roads in Chikkabettahalli of Yelahanka Satellite Town Sub. division. From ..... To ..... Ward No:-05

213211

Name of Contractor of nature of Agency ..... M/s. KRIDL .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work Order No:- BBMP/CE CYNK-01/W.O/453/13-14. dt:- 06/02/14.						
	Named Agency :- M/s. KRIDL.						
	Date of Recording :- 30/05/2018						
①	Earthwork excavation for foundation of buildings, water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications.						

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	1075 M.B. Wide page no. 10					recorded	in duplicate
	The qty is as per pre-measurement recorded in M.B.						
	Earthwork in surface excavation in ordinary soil for foundation of any lowering the ground manually in Common Thin and trenches building, culverts, road drains and of pipe lines and cables) any depth not exceeding 50m and removing the excavated earth and lift upto 1.5m, spreading and dressed, disposed of the same in neatly and to be dressed as per specification						
	Rate @ Rs. 22.85/cum						
	749.20 cum						17072.7
	= 1,84,035.00/-						
	Providing and laying in building with OPC cement concrete 1:2:4 mix using 40mm nominal size graded stone aggregate machine mixed by hand, including all labour, hoisting,						

M. A. R. 57 (Rule 116)
Measurement Book

No. B

213212

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	vide page No: 10745						
					Qty =	78.000 cum	9856.08
			Rate @ Rs. 122.36		cum =		9,953.16
(7)	Providing and laying in position plain cement concrete of mix M 7.5 with OPC cement @ 180 kgl, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregate @ 0.57 cum machine mixed concrete laid in layer not exceeding 15cm, thick, well compacted in foundation and plinth, including cost of all material, labour, hire of machinery, curing complete as per specifications.						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	1075 M.Bldg The Qty is at page no 107453-54	per	pre-measurement			recorded in this page	72908
(4)	Providing and constructing foundation masonry in cement mortar 1:6 in all leads and lifts using granite, stone/ballast hammer dressed on all exposed faces, in foundation trenches or pits, including curing complete as per specification, in all respects as directed by Engineer-in-charge. Rate @ Rs. 4290.84/cum	Qty:-	195	195.53 cum	838713.85		
					838987.00		

Serial No. .....
Name of Work .....
Name of Contractor of natu
Date of commencement of wo

Date 1	Full description, etc, of 2
(4)	Providing and cement in foundation trench 2 cm including cost of
(5)	Providing

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	materials, labour, use of machinery specification. The qty is as per vide page nos 10754-55 pre-measurement record in qty N.B/1075	Curing etc.,	Complete as per				
(6)	Providing and laying in position Cement concrete 1:2:4 (1 cement 2 coarse sand 4 graded stone aggregate 20mm and down) @ 0.8 cum mix size granite aggregates @ 0.85 cum, machine mixed, concrete laid in layer not exceeding 15 cm, thick well compacted in	Rate @ Rs. 7745/cum	qty = 660.0 × 1.0 =			5,110.00/-	

Serial No. .....
Name of Work .....
Name of Contractor or
Date of commencement

Date 1	Full description, etc 2
	Foundation, plinth use of machinery, c
(5)	Providing and lay

M. A. R. 57 (Rule 116)
Measurement Book

No. B

213214

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work ..... - 61219

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Foundation, plinth and ... of machinery, curing ... The ... MB 1075 ... page no. 10745-57	Cum,	including cost of ... complete ... as per specification. Qty is as per pre-measurement recorded in this			all material, labour,	
					Qty = 82.60 Cum	75.17,	359237
(a)	Providing and laying in position reinforced ... M20 ... with OPC		Rate @ Rs. 4779.00/Cum		=	Cement concrete of design mix ... down size graded	3,94,267.0/-
		Cement @ 320 kgs, with 20 mm and					

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Granite metal (coarse aggregate) @ 0.45 cum, with (super plasticizer @ 2% by weight of cement) mixed, reaffirmed – 2008, machine vibrated specifying 15 cm thick (cement concrete) for plinth and ground floor level for all (load bearing) walls, (load bearing) walls, return walls, columns, piers, abutments, pillars, including (foundation, footings, RCC bands, lintels, retaining walls, steps, ramps, etc.) as per specification complete all (works in foundation, basement, stilt floor, ground floor, 1st floor, 2nd floor)						
	Ground floor	1	5.75	1.50	0.20	= 1.72	
	Slab	1	6.00	1.60	0.20	= 1.80	
	Side walls	1×2	5.75	0.20	0.75	= 1.72	

Serial No. ...
Name of Work ...
Name of Contractor ...
Date of commencement ...

Date 1	Full description 2
	Beam slab.

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

213215
-5808

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	②	1×2	6.00	0.20	0.75 =	1.80	
	Beam Slab.						
	①	1	5.75	1.50	0.22 =	1.98	
	②	1	6.00	1.50	0.23 =	2.07	
	B.N Plaster P&G	Rate @ Rs. 5639.76			Adj =	12.12 cum	11.09 62545
					=	68,353.00	
							62545

MEASUREMENT BOOK

7602

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(6)	Providing T.M.T steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position, tying with binding wire and welding (where required), lowering and stacking shall not be measured separately. The rate is inclusive of all labour, tools & machinery required for the completion of the item as per specification. Complete pre-measurement recorded in page No:- 107457 - 58 Rate as per 7382 (a)						
			12.12		11.89		
					81852		
					89,454.00		

N.B:- Item No. 1075 is deleted

Serial No. ...
Name of Work ...
Name of Contractor ...
Date of commencement ...

Date	Full description,
1	2
(6)	Providing etc., ... tying etc. ... work ... plinth and ... by ... complete ... the ... item ... 1075 ... page No:-

M. A. R. 57 (Rule 116)
Measurement Book

No. B

213216

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
9	Providing and removing centering, shuttering, propping etc., and removal of formwork for vertical surface such as walls of any thickness including attached pilasters, buttresses, plinth and string courses, cost of all materials, labour Complete as per specifications The Qty is as per pre-measurement recorded in Mis 1075 M.B wide page no: 107458 Qty = 45.00 Sq.m Rate @ Rs. 271.00/Sq.m =						12,19860/-

M. A. R. 57 (Rule 116)
Measurement Book

No. B

213220

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..... From ..... To .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Earth work						
			Rate @ Rs. 1498.00/Sq.m =				9,88,680.00/-
(14)	Loading and unloading of stone boulders/Stone aggregates/Sand/Kanker/ moorum. KSRRB M100-1: Placing dipper at loading point, loading with front end loader, dumping, turning for return trip, allowing time for haulage and return trip complete as per specifications. The qty is as per qty vide Item No: (1)+(2)						
					qty =	808.20 Cum	
		Rate @ Rs.	94.82	/Cum	=		76,680.00/-
					TOTAL =		10,53,000.00/-

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Add KAIOL charges (11%)						
	B.N Prashanth 30/6/15						
	CERTIFICATE:-						
	1) Certified that work done by the Contractor is satisfactory						
	2) No-Material is supplied by the dept.						
	B.N. Prashanth 30/6/15						
	Grand Total =					4,45,830.00	
	11% tax					43842	
						398267	
						442437	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

213221

Serial No. .....

Name of Work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			S.S.M Drain				
			209.30m				
			89.50 m C.C. ROAD				
			Masjid				
			Sandeep Unnikrishnan road				

B.N. Prasad JE 30/06/16

30/6/16

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	BR 71/ 30.5.2011						
	Audited for payment Rs. 44,24,776/-						
	Forty four Lakh twenty four thousand seven hundred seventy six only						
	37,36,364/-						
	6,88,344/-						
	Received						

Serial No.
Name of Work: Cons
Name of Contractor or
Date of commencement of w

Date	Full description, etc, of
1	2
	A/A No. BWP/
	Name of agency:- M/S KA
	Date of Reading:- 3/06/20
	Cleaning the expdi
	finally d
	labour,
	The
	black
	Sand
	reser